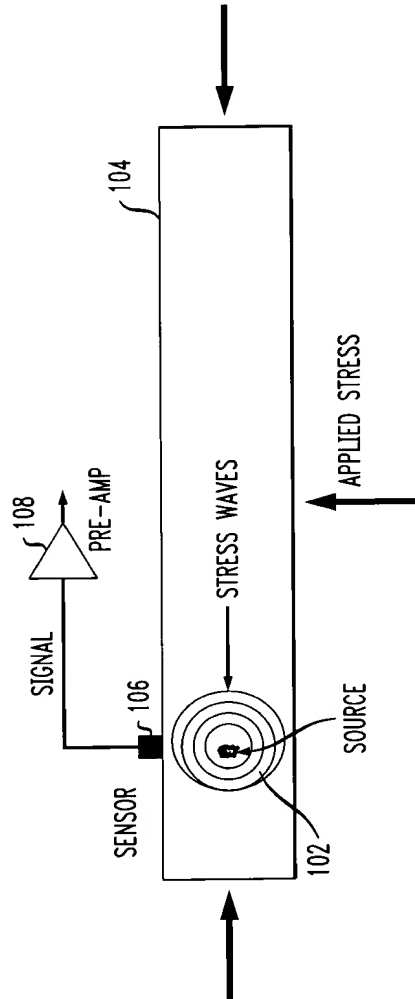


FIG. 1

PRIOR ART



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FIG. 2A

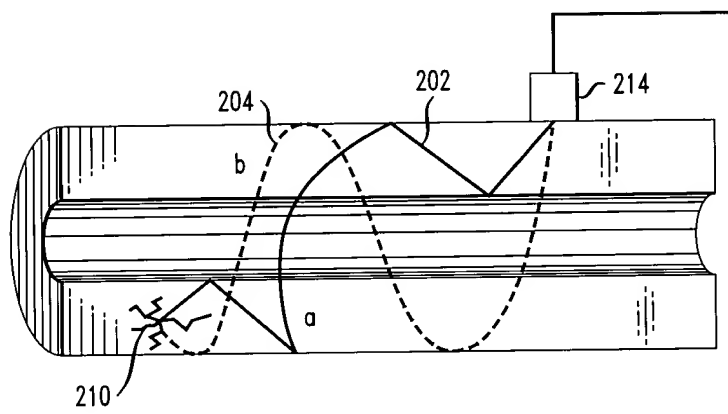
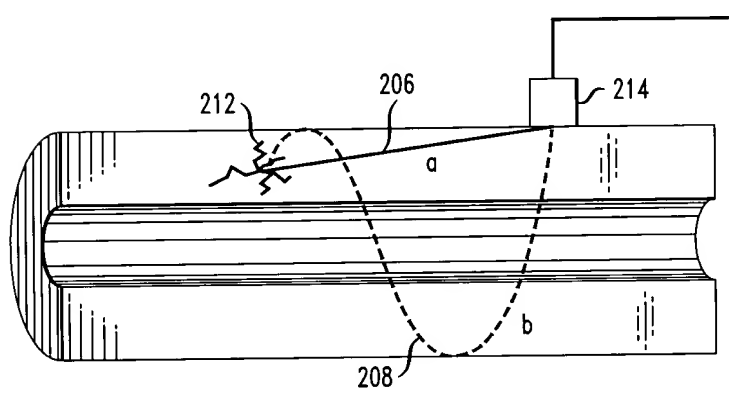


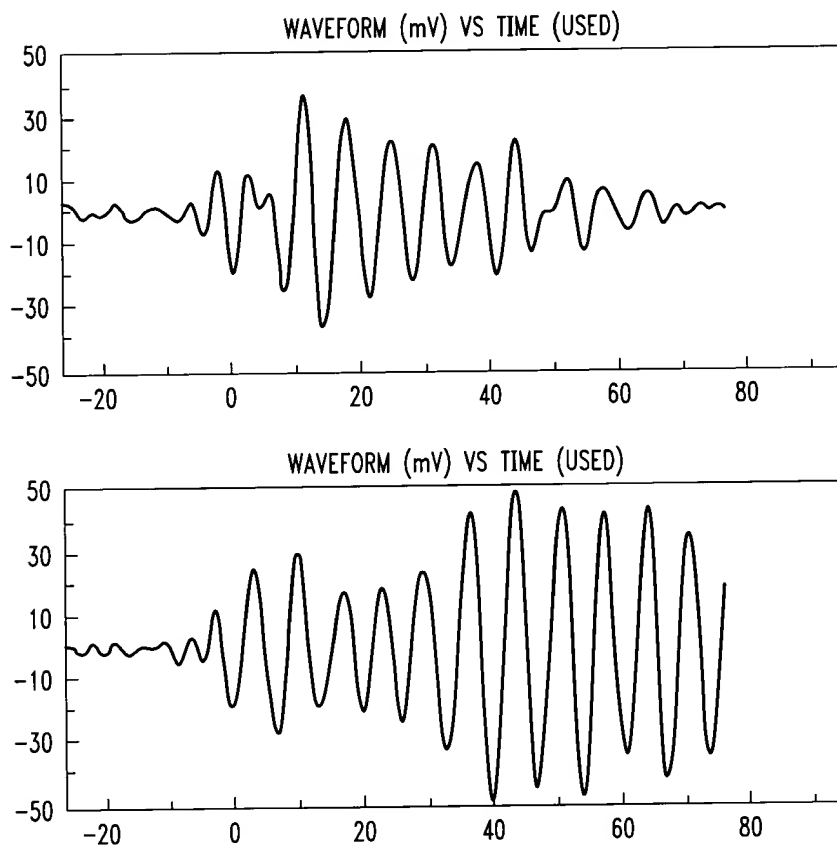
FIG. 2B



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FIG. 3



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SILICA STRUCTURE CRACK MONITORING

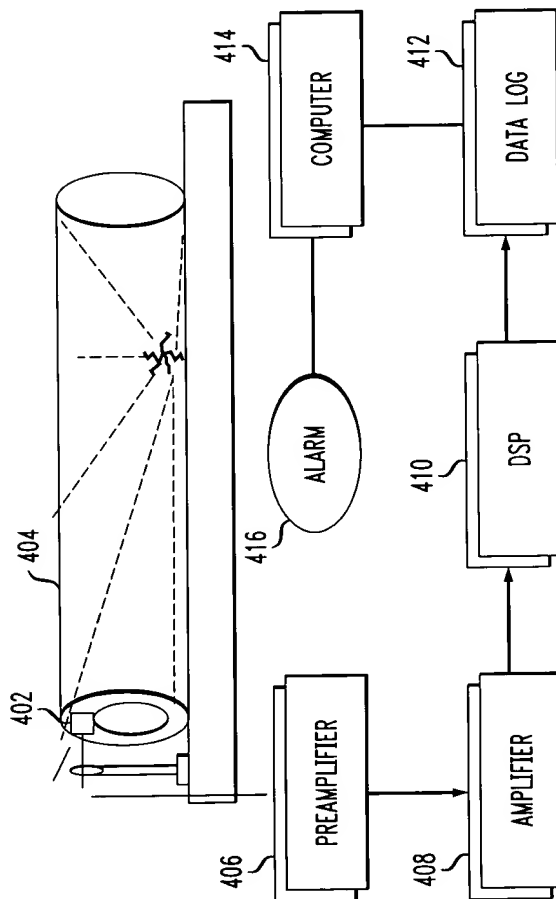
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FIG. 4



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FIG. 5

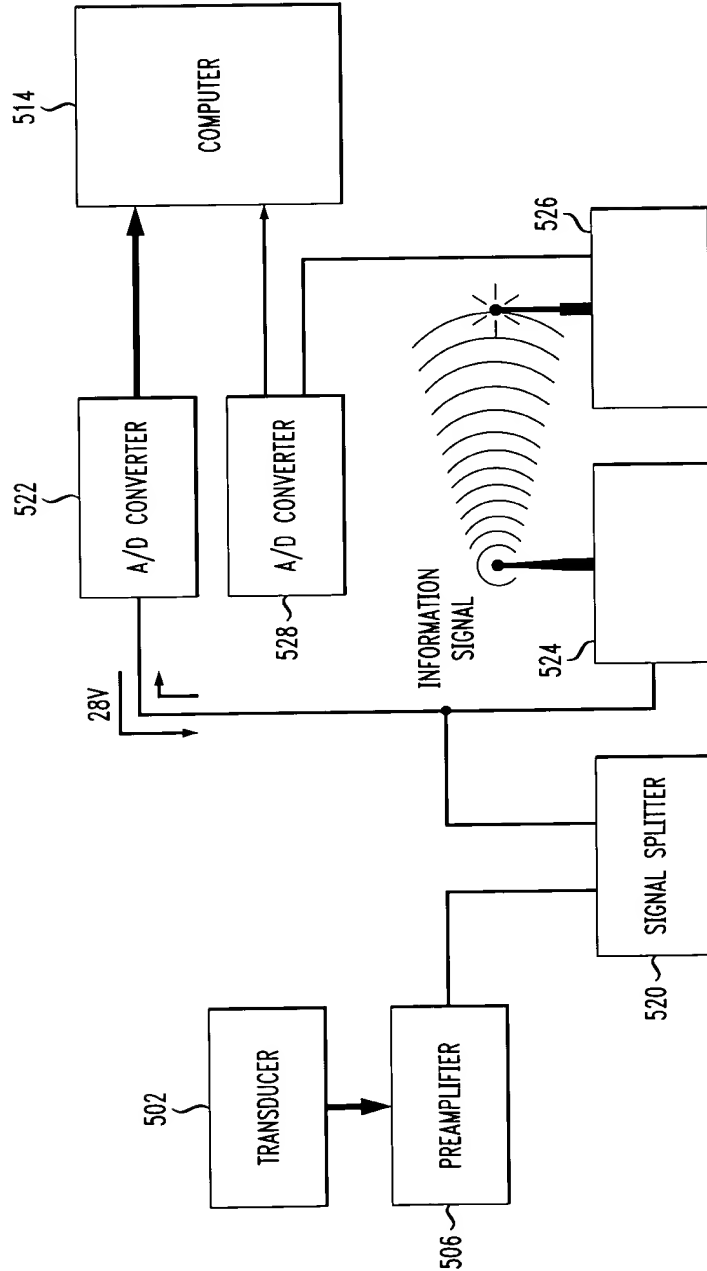


FIG. 5

# SILICA STRUCTURE CRACK MONITORING

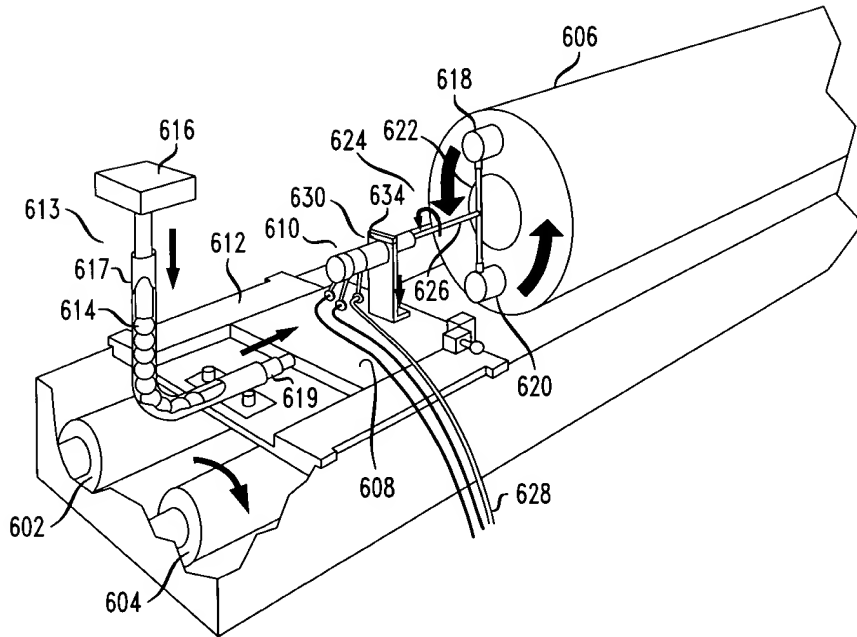
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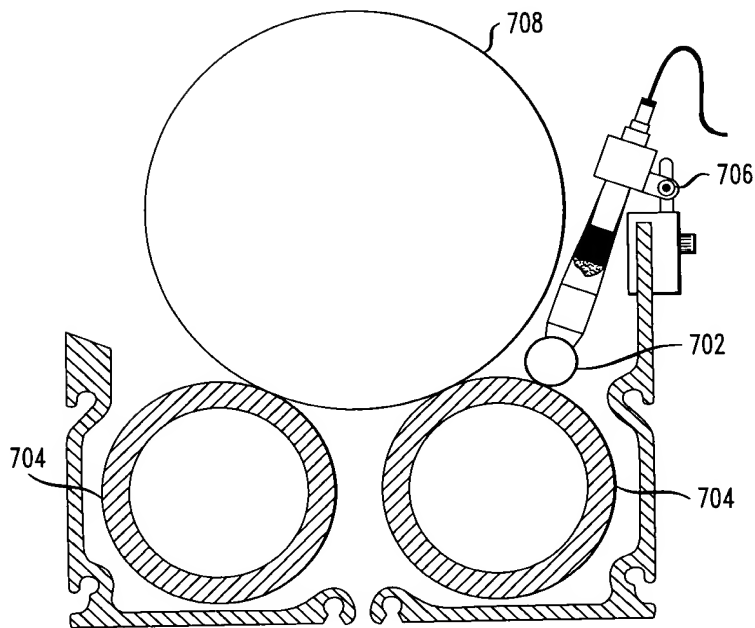
FIG. 6



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FIG. 7



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# SILICA STRUCTURE CRACK MONITORING

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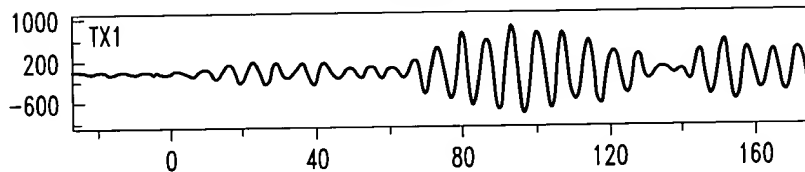
Serial No. : 09/852,420

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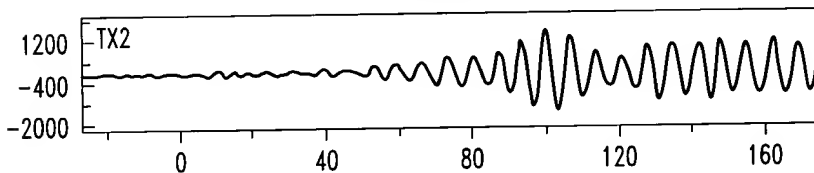
*FIG. 8a*

CHANNEL 1



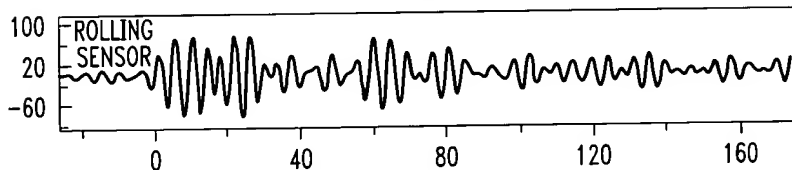
*FIG. 8b*

CHANNEL 2



*FIG. 8c*

CHANNEL 3



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SILICA STRUCTURE CRACK MONITORING

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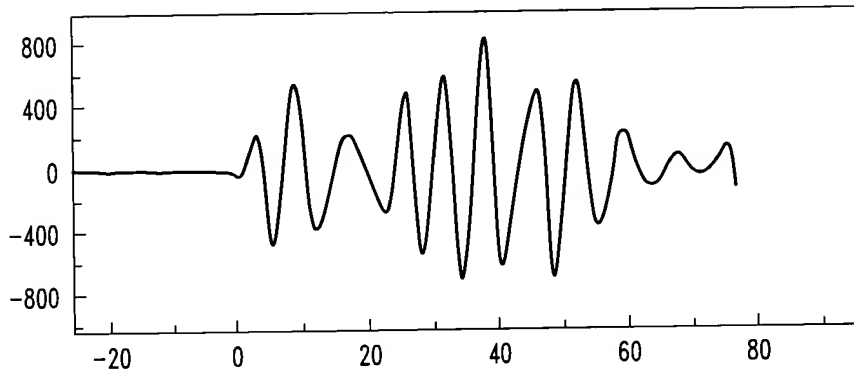
Serial No. : 09/852,420

Schnader, Harrison, Segal & Lewis, LLP (215) 751-2000 ref# 1525-00

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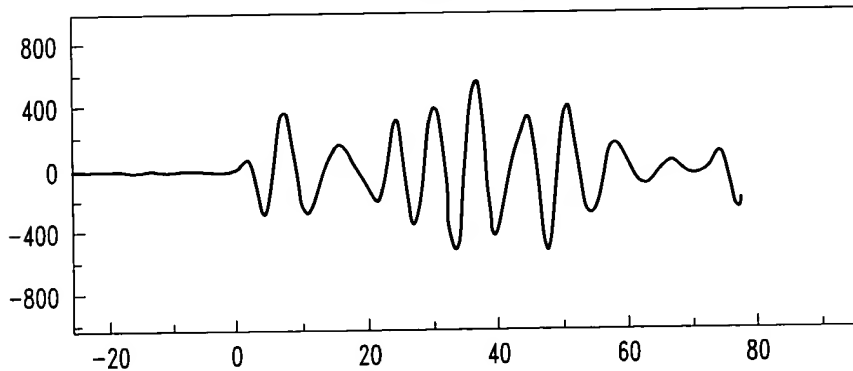
*FIG. 9A*

WAVEFORM (mV) VS TIME (USED)



*FIG. 9B*

WAVEFORM (mV) VS TIME (USED)



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# SILICA STRUCTURE CRACK MONITORING

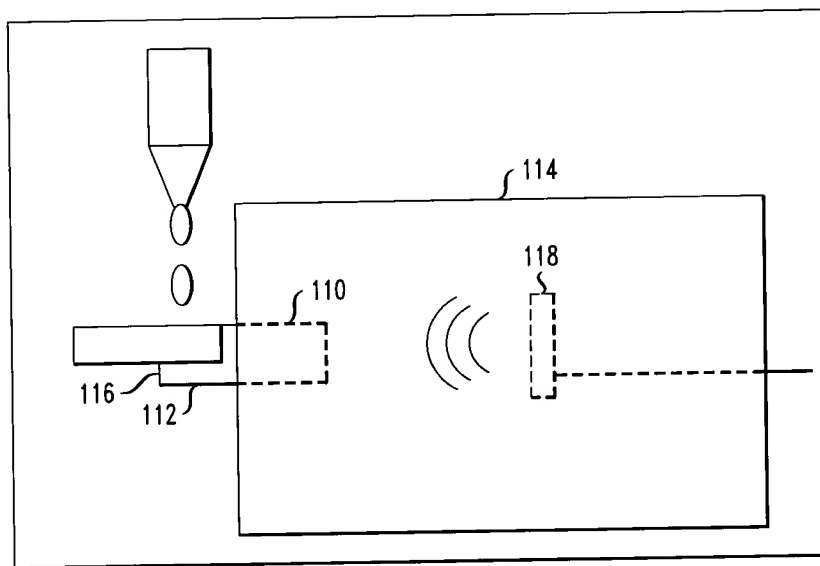
CADET et al.

Serial No. : 09/852,420

Schnader, Harrison, Segal & Lewis, LLP (215) 751-2000 ref# 1525-00

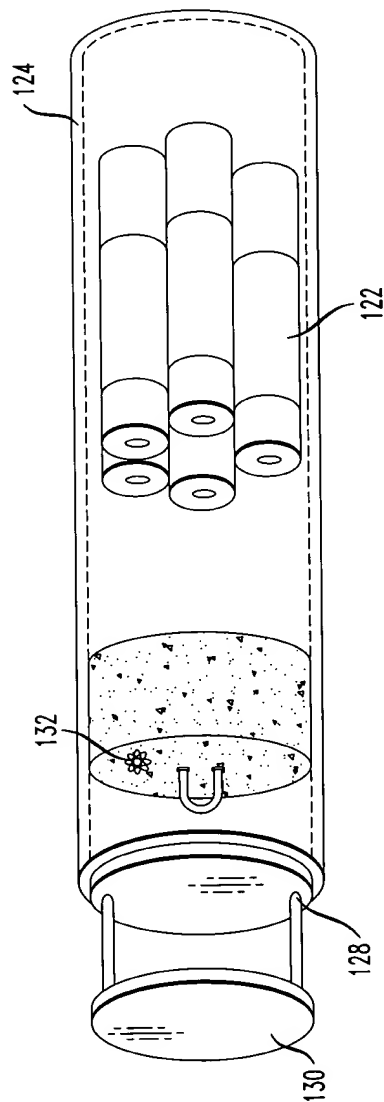
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FIG. 10



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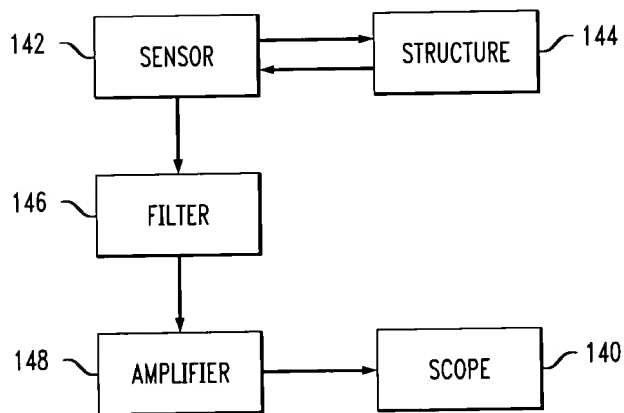
FIG. 11



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FIG. 12



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